

MATERIAL SAFETY DATA SHEET
COATINGS AND RESINS GROUP
PPG Industries, Inc.

SECTION 1: CHEMICAL, PRODUCT AND COMPANY INFORMATION

PRODUCT CODE/IDENTITY: DTR604
REVISION DATE: 10/14/96 (000) 0808
CUSTOMER PART #/NAME:
PRODUCT TRADE NAME: ACRYLIC ENAMEL REDUCER
CHEMICAL FAMILY: SOLVENT BLEND
EMERGENCY MEDICAL/SPILL INFO: (304) 843-1300 (U.S.)
 91-800-00-214 (MEXICO)
TECHNICAL INFORMATION: (440) 572-2800
PRODUCT SAFETY/MSDS INFORMATION: 4325 ROSANNA DRIVE, P.O. BOX 9
 ALLISON PARK, PA 15101
 (412) 492-5555
DATE OF MSDS PREPARATION: 03/09/98

PRIMARY HAZARD WARNING

Flammable. Keep away from heat, sparks, flames, and other sources of ignition. Do not smoke. Extinguish all flames and pilot lights. Turn off stoves, heaters, electrical motors, and other sources of ignition during use and until all vapors/odors are gone. Harmful if swallowed. May cause moderate skin irritation. Causes severe eye irritation. May be absorbed through the skin. Vapor and/or spray mist may be harmful if inhaled. Vapor irritates eyes, nose, and throat.

THIS MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED IN ACCORDANCE WITH THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), THE SUPPLIER NOTIFICATION REQUIREMENTS OF SARA TITLE III, SECTION 313, AND OTHER APPLICABLE RIGHT-TO-KNOW REGULATIONS.

SECTION 2: COMPOSITION INFORMATION ON INGREDIENTS

REF	HAZARDOUS INGREDIENTS	PERCENT	CAS NUMBER	CARCINOGEN*
01	ETHYL BENZENE	1 - <5	100-41-4	
02	TOLUENE	10 - <20	108-88-3	
03	N-BUTYL ACETATE	10 - <20	123-86-4	
04	XYLENES	5 - <10	1330-20-7	
05	AROMATIC HYDROCARBON	10 - <20	64742-94-5	
06	AROMATIC NAPHTHA	1 - <5	64742-95-6	
07	V. M. AND P. NAPHTHA	40 - <50	8032-32-4	
08	NAPHTHALENE	1 - <5	91-20-3	
09	1,2,4-TRIMETHYL BENZENE	1 - <5	95-63-6	

* Carcinogens: O = OSHA; A = ACGIH; N = NTP; I = IARC

SARA TITLE III & CERCLA CLASSIFICATIONS

REF	SARA 102 RO (LBS)	SARA 302 TPO (LBS)	SARA 311/312			
			AC	CH	FL	PR RE
01	1000	NOT ESTAB	Y	Y	Y	N N N
02	1000	NOT ESTAB	Y	Y	N	Y N N
03	5000	NOT ESTAB	N	Y	N	Y N N
04	100	NOT ESTAB	Y	Y	N	Y N N
05	NOT ESTAB	NOT ESTAB	N	Y	N	Y N N
06	NOT ESTAB	NOT ESTAB	N	Y	N	Y N N
07	NOT ESTAB	NOT ESTAB	N	Y	N	Y N N
08	100	NOT ESTAB	Y	Y	N	Y N N
09	NOT ESTAB	NOT ESTAB	Y	Y	N	Y N N

SARA 311/312 CATEGORIES FOR THIS PRODUCT: ACUTE = Y, CHRONIC = Y, FLAMMABILITY = Y, PRESSURE = N, REACTIVITY = N

OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THE FOLLOWING MATERIALS:

REF	ACGIH		U.S. OSHA	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-STEL
01	100 ppm	125 ppm	100 ppm	125 ppm
02	S- 50 ppm	NOT ESTAB	100 ppm	150 ppm
03	150 ppm	200 ppm	150 ppm	200 ppm
04	100 ppm	150 ppm	100 ppm	150 ppm
05	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB
06	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB
07	300 ppm	NOT ESTAB	300 ppm	400 ppm
08	10 ppm	15 ppm	10 ppm	15 ppm
09	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB

[C - Ceiling Limit; S - Potential Skin Absorption; R - Respirable Dust] [NOT ESTAB. = NOT ESTABLISHED = NOT APPLICABLE]

PRODUCT STATUS RELATIVE TO THE U.S. EPA TOXIC SUBSTANCES

CONTROL ACT

All chemical substances in this product are listed on the U.S. TSCA Inventory or are otherwise exempt from TSCA Inventory reporting requirements.

SECTION 3: HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE FROM:

- **INGESTION:** Harmful if swallowed.
- **EYE CONTACT:** Causes severe eye irritation.
- **SKIN CONTACT:** May cause moderate skin irritation. May be absorbed through the skin.
- **INHALATION:** Vapor and/or spray mist may be harmful if inhaled. Vapor irritates eyes, nose, and throat. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage.
- **CHRONIC OVEREXPOSURE:** Avoid long-term and repeated contact. This product contains naphthalene. Naphthalene has caused chronic eye injuries in humans exposed for about five years in excess of the ACGIH TLV. This product contains toluene. Toluene inhalation in animals (greater than 1500 ppm) and intentional inhalation of toluene-containing products by humans (e.g. glue) has caused adverse fetal development effects. Ethylbenzene has been reported by NTP to cause cancer in laboratory animals following a chronic (2 year) inhalation exposure. Dose levels of 75, 250 and 750 ppm were used, with evidence of carcinogenicity found in the kidneys of rats and the lung and liver of mice at 750 ppm. The No Observed Effect Level (NOEL) was 75 ppm. The relevance of these findings to humans is uncertain, but appropriate safeguards should be employed to reduce or eliminate inhalation exposure to ethylbenzene.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Eye watering, headaches, nausea, dizziness, and loss of coordination are indications that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Redness, itching, burning sensation and visual disturbances may indicate excessive eye contact. Dryness, itching, cracking, burning, redness, and swelling are conditions associated with excessive skin contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not applicable.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 4: FIRST AID MEASURES

- **INGESTION:** If swallowed, do not induce vomiting. Gently wipe out inside mouth to remove any residual material.
- **EYE CONTACT:** In case of eye contact, remove contact lenses, flush eye immediately with a gentle stream of warm water for at least 30 minutes.
- **SKIN CONTACT:** In case of skin contact, flush immediately with plenty of water for at least 15 minutes followed by washing with soap and water.
- **INHALATION:** If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other support measures as required.
- **OTHER:** If ingestion, any type of overexposure or symptoms of overexposure occur during or following the use of this product, contact a poison control center, emergency room or physician immediately; have Material Safety Data Sheet information available.

SECTION 5: FIRE FIGHTING MEASURES

- **FLASHPOINT:** 59 Degrees F (15 Degrees C) (PENSKY-MARTENS CLOSED CUP)
- **FLAMMABLE LIMITS:** Lower explosion limit (LEL): 1.0
- **Upper explosion limit (UEL):** Not available
- **EXTINGUISHING MEDIA:** Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IB flammable liquid fires.
- **UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep this product away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, static electricity). Invisible vapors can travel to a source of ignition and flash back. Do not smoke while using this product. Keep containers tightly closed when not in use. Closed containers may explode when overheated. Do not apply to hot surfaces. Toxic gases may form when this product comes in contact with extreme heat.
- **SPECIAL FIRE FIGHTING PROCEDURES:** Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable. Fire-fighters should wear self-contained breathing apparatus and full protective



Manufactured and Supplied by:
 REFINISH PRODUCTS
 19699 PROGRESS DRIVE STRONGSVILLE, OH 44136